

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071718\
 Data File : VU025478.D
 Acq On : 18 Jul 2018 00:03
 Operator : MD/SY
 Sample : J4024-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB1R1

Quant Time: Jul 18 06:48:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 18 06:47:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	329670	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	296306	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	135893	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68982	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.68	69	62756	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.76%
11) 1,1-Dichloroethene-d2	2.27	63	117411	34.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.78%
21) 2-Butanone-d5	4.18	46	152626	92.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.26%
24) Chloroform-d	4.65	84	186140	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
26) 1,2-Dichloroethane-d4	5.31	65	131670	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.94%
32) Benzene-d6	5.35	84	353255	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.66%
36) 1,2-Dichloropropane-d6	6.34	67	119083	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.44%
41) Toluene-d8	7.57	98	327418	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.85	79	56497	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.54%
47) 2-Hexanone-d5	8.31	63	109031	88.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.69%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	163721	46.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	138484	50.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.70%

Target Compounds

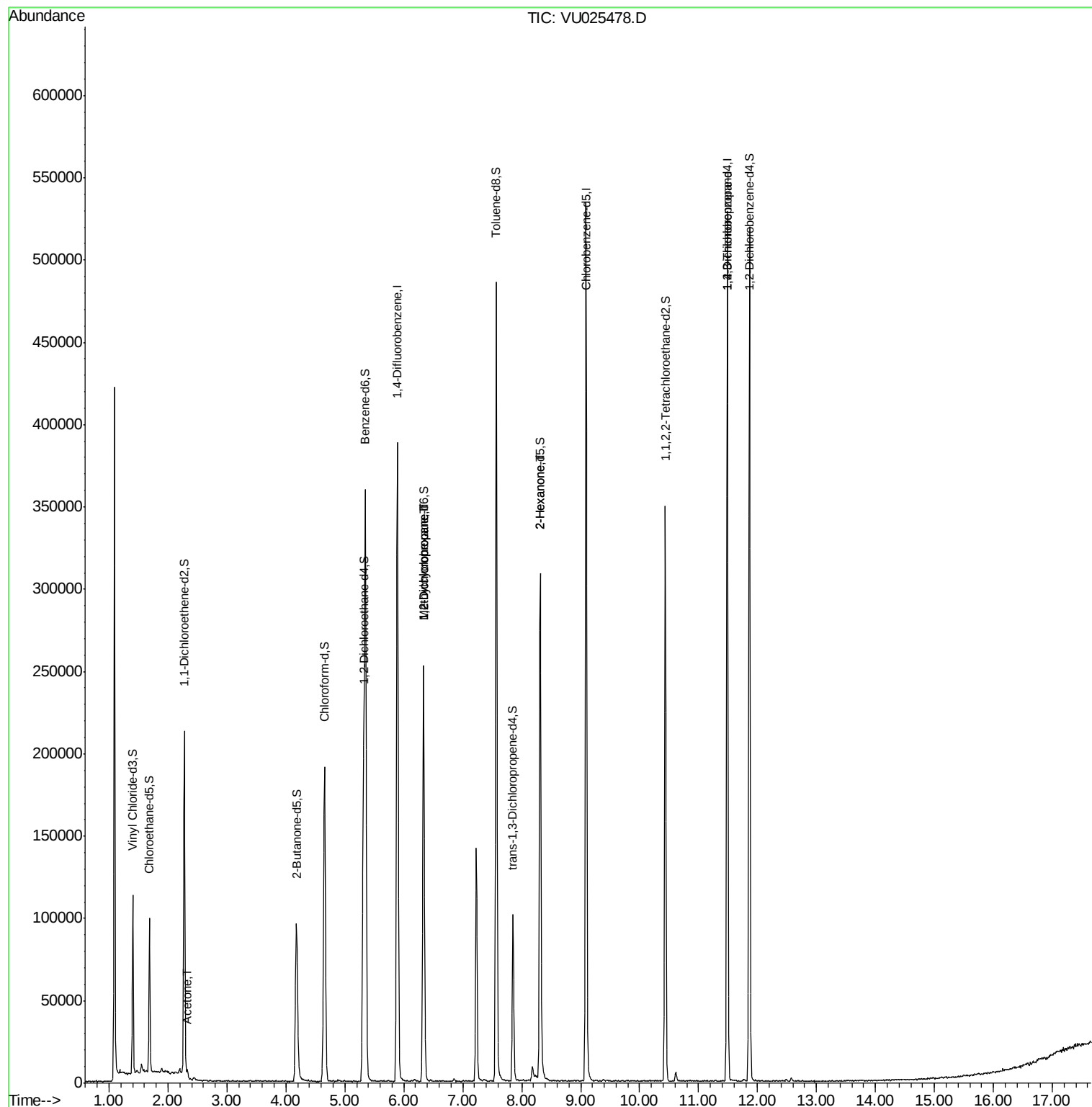
					Qvalue
13) Acetone	2.32	43	4689	3.246 ug/L	96
35) Methylcyclohexane	6.34	83	27891	7.916 ug/L #	18
37) 1,2-Dichloropropane	6.34	63	14435	5.969 ug/L #	88
48) 2-Hexanone	8.31	43	12933	4.616 ug/L #	69
59) 1,2,3-Trichloropropane	11.49	75	14758	4.589 ug/L #	85

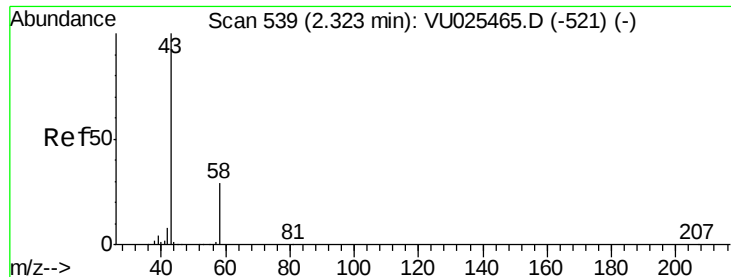
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.246 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025478.D

Acq: 18 Jul 2018 00:03

Instrument :

MSVOA_U

ClientSampleId :

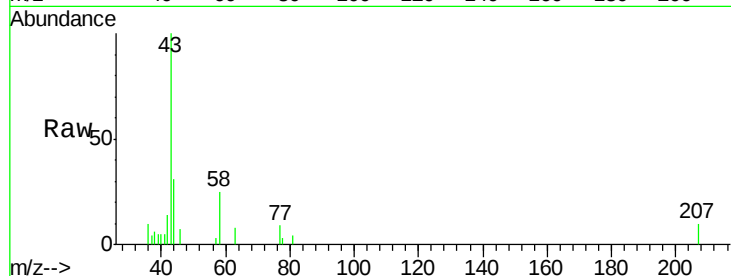
DB1R1

Tgt Ion: 43 Resp: 4689

Ion Ratio Lower Upper

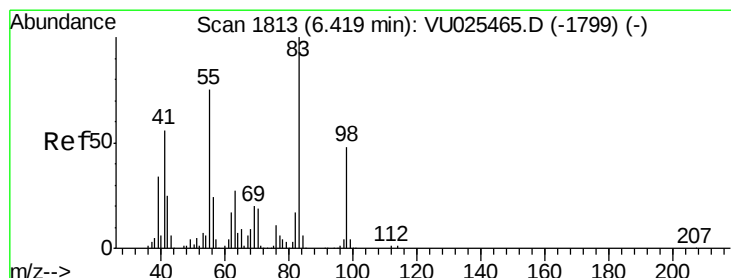
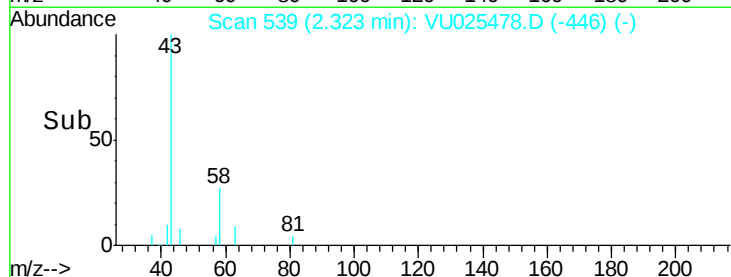
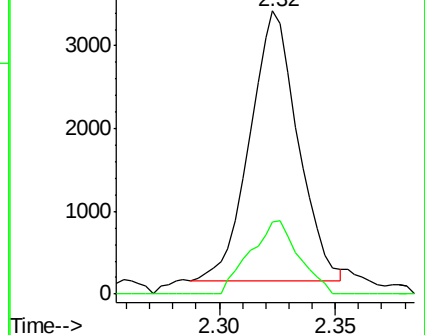
43 100

58 27.5 0.0 59.0



Abundance Ion 43.00 (42.70 to 43.70): VU025465.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU025465.D (-521) (-)



#35

Methylcyclohexane

Concen: 7.916 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU025478.D

Acq: 18 Jul 2018 00:03

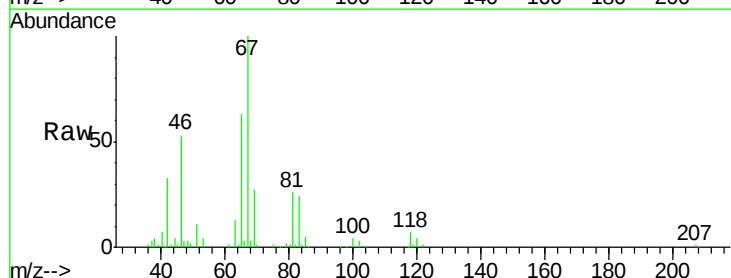
Tgt Ion: 83 Resp: 27891

Ion Ratio Lower Upper

83 100

55 0.1 61.8 92.8#

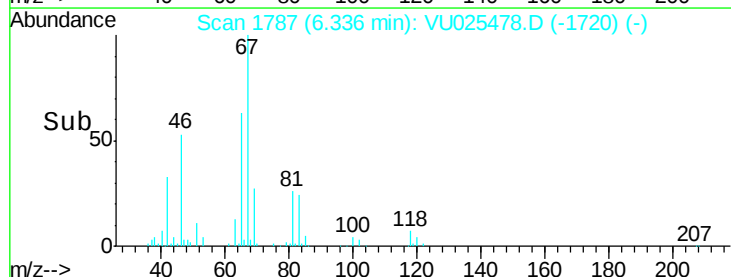
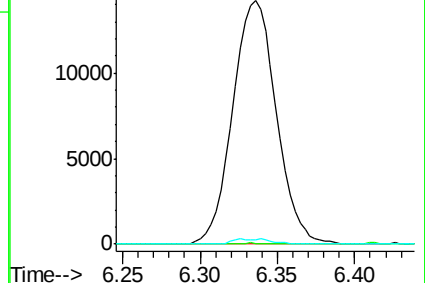
98 0.9 38.7 58.1#

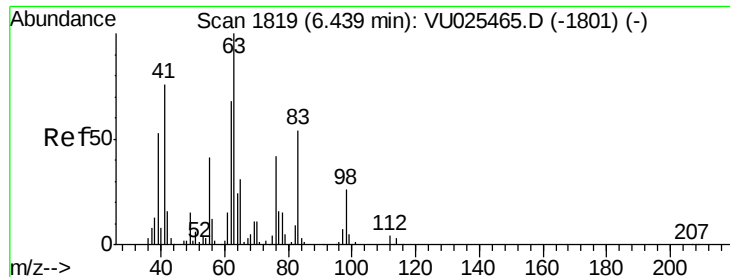


Abundance Ion 83.00 (82.70 to 83.70): VU025465.D (-1799) (-)

Ion 55.00 (54.70 to 55.70): VU025465.D (-1799) (-)

Ion 98.00 (97.70 to 98.70): VU025465.D (-1799) (-)

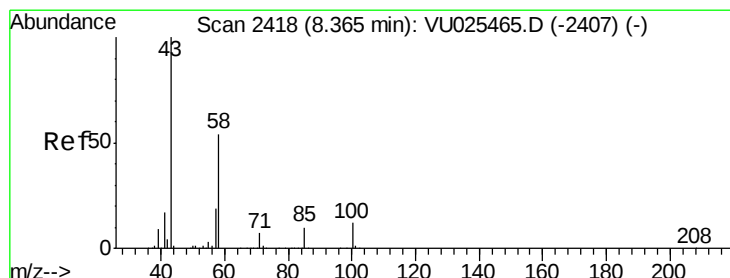
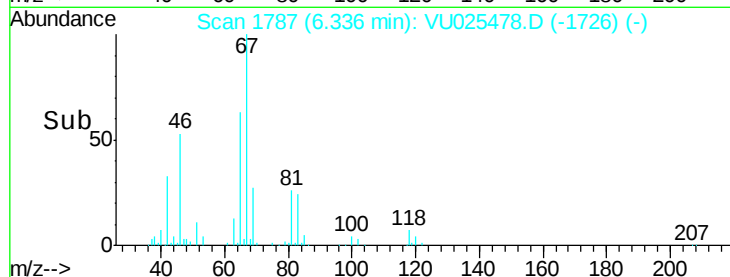
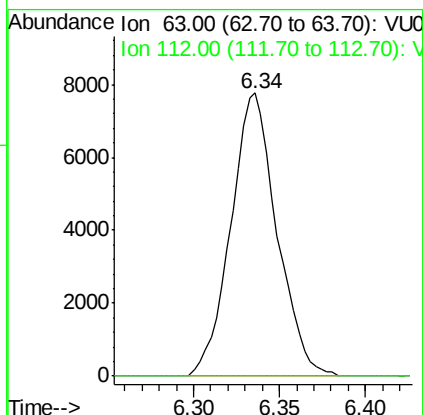
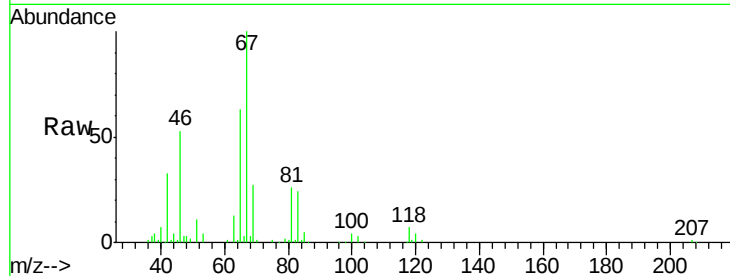




#37
 1,2-Dichloropropane
 Concen: 5.969 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025478.D
 Acq: 18 Jul 2018 00:03

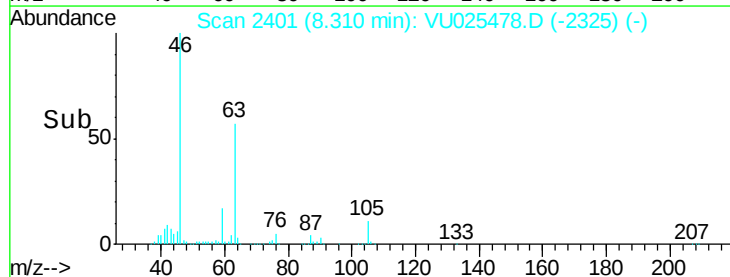
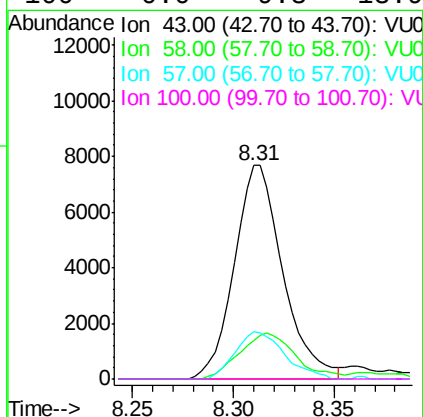
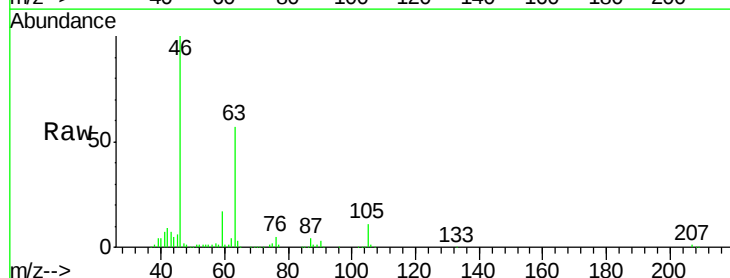
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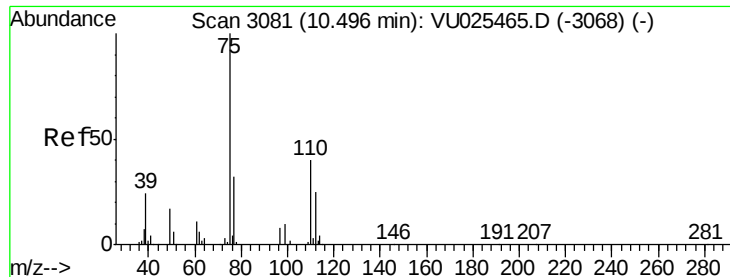
Tgt Ion: 63 Resp: 14435
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#48
 2-Hexanone
 Concen: 4.616 ug/L
 RT: 8.31 min Scan# 2401
 Delta R.T. -0.05 min
 Lab File: VU025478.D
 Acq: 18 Jul 2018 00:03

Tgt Ion: 43 Resp: 12933
 Ion Ratio Lower Upper
 43 100
 58 25.0 42.3 63.5#
 57 22.6 15.6 23.4
 100 0.0 9.3 13.9#





#59

1,2,3-Trichloropropane

Concen: 4.589 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025478.D

Acq: 18 Jul 2018 00:03

Instrument :

MSVOA_U

ClientSampleId :

DB1R1

Tgt Ion: 75 Resp: 14758

Ion Ratio Lower Upper

75 100

77 41.2 26.2 39.2#

